

Day 72 - 27/01/2023

Q. Day 72 coding Statement : In this problem you will have to implement a simple editor. The editor maintains the content of a string S and have two following functions:

"+ i x": insert a string x into the current string S after the i'th character of the S (we use 1-indexing in this problem). When i equals to 0 it mean we add x at the beginning of S.

"? i len": Print the sub-string of length len starting at position i'th of S.

At the beginning, the editor holds an empty string. There will be Q queries of the two types described above.

Input

The first line contains the integer Q. Each line in the next Q lines contains one query.

Output

For each query of the second type, print out the answer sub-string in one line.

Sample Input

```
5
+ 0 ab
+ 1 c
? 1 3
+ 2 dd
? 1 5
```

Sample Output

```
acb
acddb
```

main.py

```
def insert(string_s, insert_s, pos_i=0):
    return string_s[:pos_i] + insert_s + string_s[pos_i:]

m = int(input())
s = ""
for _ in range(m):
    query = input().split()
    c = query[0]
    i = int(query[1])
    if c == '+':
        sub = query[2]
        if i == 0:
            s = sub + s
    else:
```

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```
s = insert(s,sub,i)
else:
    l = int(query[2])
    print(s[i-1:i+l-1])
```

output

```
5
+ 0 ab
+ 1 c
? 1 3
acb
+ 2 dd
? 1 5
acddb
PS E:\Panku\Python>
```